



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Edward J. Kaplan

Serial No.: 10/665,793

Art Unit: Not Yet Assigned

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Examiner: Not Yet Assigned

For: *FLEXIBLE AND/OR ELASTIC BRACHYTHERAPY SEED OR STRAND*

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56 and 37 C.F.R. §1.97, Applicant submits an Information Disclosure Statement, including thirteen (13) pages of Form PTO-1449 and copies of twenty-six (26) documents cited therein. Most of the documents cited below were cited by or submitted to the Patent Office in Application Serial No. 09/861,326, filed May 18, 2001, to which the present application claims priority. Pursuant to 37 C.F.R. §1.98(d), Applicants are not enclosing copies of these publications. Copies will be provided upon request, however. Copies of the newly cited documents, which are identified with an asterisk (*), are enclosed.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) prior to a first Office Action on the merits. It is believed that no fee is required with this submission. However, should a fee be required, the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 50-1868.

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<u>Number</u>	<u>Issue Date</u>	<u>Patentee</u>	<u>Class/Subclass</u>
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Remarks

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicant invites the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application. Applicant is of the opinion that his claims patentably distinguish over the art referred to herein, either alone or in combination.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'Patrea L. Pabst', written over a horizontal line.

Patrea L. Pabst
Reg. No. 31,284

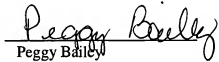
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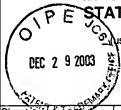


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Application Number	10/665,793
Filing Date	September 19, 2003
First Named Inventor	Edward J. Kaplan
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Attorney Docket Number	KAP 100 CIP

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/JS/	↓	3,993,073		Zaffaroni	11-23-1976	
		4,167,179		Kirsch	09-11-1979	
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		Office ⁴	Number ⁵	Kind Code ² (if known)				
/JS/	↓	PCT	WO 95/03036		Angiogenesis Technologies	02-02-1995		
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		PCT	WO 00/41185		Nycomed Amersham PLC	07-13-2000		
/JS/		PCT	WO 00/43045		Photogen, Inc.	07-27-2000		

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First Named Inventor

Edward J. Kaplan

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		5,626,862	Brem, et al.	05-06-1997	
		5,650,442	Mitchell, et al.	07-22-1997	
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		5,886,026	Hunter, et al.	03-23-1999	
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Sheet 67 of 132	3	of	13
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Complete If Known

Application Number	
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10/665.793

Filing Date

September 19, 2003

First Named Inventor

Edward J. Kaplan

Group Art Unit

Examiner Name

Attorney Docket Number

	KAP 100 CIP
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		Filing Date	September 19, 2003
		First Named Inventor	Edward J. Kaplan
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Sheets: 4 of 13	Attorney Docket Number	KAP 100 CIP	

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/JS/		ALONSO, et al., "Biodegradable microspheres as controlled-release tetanus toxoid delivery systems," <i>Vaccine</i> 12: 299 (1994)	
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Sheet 1 of 5	of	13	

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/JS/		CHATTARAJ, et al., "Biodegradable microparticles of influenza viral vaccine: comparison of the effects of routes of administration on the in vivo immune response in mice," <i>J. Control. Rel.</i> 58: 223 (1999).	
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Sheet 1 of 6	13	Attorney Docket Number	KAP 100 CIP

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/JS/		FUNG, et al., "Pharmacokinetics of interstitial delivery of carmustine, 4-hydroperoxycyclophosphamide, and paclitaxel from a biodegradable polymer implant in the monkey brain," <i>Cancer Res.</i> 58: 672 (1998)	
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/JS/		*JAISWAL, et al., "Long-term multiple color imaging of live cells using quantum dot bioconjugates," <i>Nature Biotechnol.</i> 21: 47-5 (2003).	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) DEC 29 2003 OIPE		Application Number	10/665,793
		Filing Date	September 19, 2003
		First Named Inventor	Edward J. Kaplan
		Group Art Unit	
		Examiner Name	
Sheet 1 of 13	Attorney Docket Number	KAP 100 CIP	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/JS/		"SUNDBACK, et al., "Manufacture of porous polymer nerve conduits by a novel low-pressure injection molding process," <i>Blomaterials</i> 24: 819-830 (2003).	
		TAMARGO, et al., "Growth inhibition of the 9L glioma using polymers to release heparin and cortisone acetate," <i>J. Neurooncol.</i> 9: 131 (1990).	
		TAMARGO, et al., "Interstitial chemotherapy of the 9L gliosarcoma: controlled release polymers for drug delivery in the brain," <i>Cancer Res.</i> 53: 329 (1993).	
		TAMARGO, et al., "Interstitial delivery of dexamethasone in the brain for the reduction of peritumoral edema," <i>J. Neurosurg.</i> 74: 956 (1991).	
		"TAPEN, et al., "Reduction of radioactive seed embolization to the lung following prostate brachytherapy," <i>Biomat.</i> 24: 819-830 (2003).	
		THANOO & JAYAKRISHNAN, "Radiopaque hydrogel microspheres," <i>J. Microencapsulation</i> 6: 233 (1989).	
		THANOO, et al., "Tantalum-loaded polyurethane microspheres for particulate embolization: preparation and properties," <i>Blomaterials</i> 12: 525 (1991).	
		VALTONEN, et al., "Interstitial chemotherapy with camustine-loaded polymers for high-grade gliomas: a randomized double-blind study," <i>Neurosurg.</i> 41: 44 (1997).	
		"VIROONCHATAPAN, et al., "Preparation and characterization of dextran magnetite-incorporated thermosensitive liposomes: an on-line flow system for quantifying magnetic responsiveness," <i>Pharm. Res.</i> 12: 1176-1183 (1995).	
/JS/		WALTER, et al., "Interstitially delivered from a biodegradable polymer implant against experimental malignant glioma," <i>Cancer Res.</i> 54: 2201 (1994).	

Examiner's Signature	/Jagadishwar Samala/ (09/24/2008)	Date Considered	
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/JS/		"WANG, et al., "A tough biodegradable elastomer," <i>Nature Biotechnol.</i> 20: 602-606 (2002).	
		WANG, et al., "Intratumoral injection of rhenium-188 microspheres into an animal model of hepatoma," <i>J. Nucl. Med.</i> 39: 1752 (1998).	
		WEI, et al., "Carboplatin-loaded PLGA microspheres for intracerebral implantation: in vivo characterization," <i>Drug Delivery</i> 4: 301 (1997).	
		WENGART, et al., "Local delivery of dexamethasone in the brain for the reduction of peritumoral edema," <i>Int. J. Cancer</i> 62: 1 (1995).	
		WILLIAMS, et al., "Synthetic, implantable polymers for local delivery of IUDR to experimental human malignant glioma," <i>Int. J. Radiation Oncol. Biol. Phys.</i> 42: 63 (1998).	
		WUNDERLICH, et al., "Preparation and biodistribution of rhenium-188 labeled albumin microspheres B 20: a promising new agent for radiotherapy," <i>Appl. Radiation Isotopes</i> 52: 63 (2000).	
		YANG, et al., "Diagnostic and therapeutic potential of poly(benzyl L-glutamate)," <i>J. Pharm. Sci.</i> 83: 328 (1994).	
		YAPP, et al., "Cisplatin delivery by biodegradable polymer implant is superior to systemic delivery by osmotic pump or i.p. injection in tumor-bearing mice," <i>Anti-Cancer Drugs</i> 9: 79 (1998).	
		YAPP, et al., "The potentiation of the effect of radiation treatment by intratumoral delivery of cisplatin," <i>Int. J. Radiation Oncol. Biol. Phys.</i> 42: 413 (1998).	
/JS/		YAPP, et al., "Tumor treatment by sustained intratumoral release of cisplatin: effects of drug alone and combined with radiation," <i>Int. J. Radiation Oncol. Biol. Phys.</i> 39: 497 (1998).	

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
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